
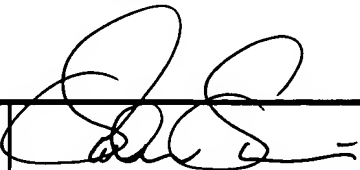


PTO/SB/08A			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) 			Application Number	10/795,790	
			Filing Date	March 8, 2004	
			Confirmation Number	7703	
			First Named Inventor	Arindam Roy, et al.	
			Group Art Unit	1625	
			Examiner Name	To Be Assigned	
Sheet	1	of	3	Attorney Docket No.	NVI 5268.2

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
S	1	Sugawara, et al.; Efficient and Practical Synthesis of Both Enantiomers of 6-silyloxy-3-pyranone Derivatives; Tetrahedron: Asymmetry; The International Journal for the Rapid Publication of all Aspects of Asymmetry in Organic, Inorganic, Organometallic, Physical And Bioorganic Chemistry; November 2000; 4529-4535; Volume 11 No. 22	
S	2	Miyazawa, et al.; Optical Resolution of Non-Protein Amino Acids by Lipase-Catalyzed Ester Hydrolysis; Biocatalysis and Biotransformation; 2000; pages 445-458; Vol. 17; Konan University, Japan	
S	3	Xin, et al.; Improvement of the Enantioselectivity of Lipase-Catalyzed Naproxen Ester Hydrolysis in Organic Solvent; Enzyme and Microbial Technology Biotechnology Research and Reviews; February 2000; pages 137-141; Volume 26 Numbers 2-4	
S	4	Miyazawa, et al.; Resolution of 2-Cyano-2-Methylalkanoic Acids Via Porcine Pancreatic Lipase-Catalyzed Enantioselective Ester Hydrolysis: Effect of the Alcohol Moiety of the Substrate Ester on Enantioselectivity; Biotechnology Letters; April 1999; pages 309-312; Volume 21 No. 4	
S	5	Haefner, et al.; Molecular Modelling of Lipase Catalysed Reactions. Prediction of Enantioselectivities; Chemical & Pharmaceutical Bulletin; May 1999; pages 591-600; Volume 47 No. 5	
S	6	Angelis, et al.; Enantioselectivity and Diastereoselectivity in the Hydrolysis of Acylals and Structurally Related Esters of Secondary Alcohols with Candida Rugosa Lipase; Tetrahedron Letters: The International Journal for the Rapid Publication of Preliminary Communications in Organic Chemistry; 1998; pages 2823-2826	
S	7	Löwendahl, et al.; Analysis of a Lipase-Catalyzed Kinetic Resolution by Chiral Normal-Phase Liquid Chromatography; BMC Biomedical Chromatography an International Journal; 1997; pages 289-295; Volume 11	

Examiner Signature		Date Considered	9/22/06
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/795,790
				Filing Date	March 8, 2004
				Confirmation Number	7703
				First Named Inventor	Arindam Roy, et al.
				Group Art Unit	1625
				Examiner Name	To Be Assigned
Sheet	2	of	3	Attorney Docket No. NVI 5268.2	

	8	Serebryakov, et al.; Enantioselectivity of the PPL-Catalysed Hydrolysis of Racemic Esters: Some Cases Implying a Conformational Substrate Model; Mendeleev Communications Preliminary Accounts of a New work in Chemistry From Russia and Elsewhere; November 1996; pages 220-224; Number 6 <i>From</i>	
	9	Bornemann, et al.; The Effects of Surfactants on Lipase-Catalysed Hydrolysis of Esters: Activities and Stereoselectivity; Biocatalysts; 1994; pages 191-221; Volume 11	
	10	van Tol, et al.; Do Organic Solvents Affect the Catalytic Properties of Lipase? Intrinsic Kinetic Parameters of Lipases in Ester Hydrolysis and Formation in Various Organic Solvents; Biotechnology & Bioengineering; July 5, 1995; pages 71-81; Volume 47 Number 1	
	11	Yang, et al.; A Comparison of Lipase-Catalyzed Ester Hydrolysis in Reverse Micelles, Organic Solvents, and Biphasic System; Biotechnology & Bioengineering; July 5, 1995; pages 60-70; Volume 47 Number 1	
	12	Bojarski, et al.; Enantioselective Lipase-Catalyzed Ester Hydrolysis: Effects on Rates and Enantioselectivity from a Variation of the Ester Structure; Chirality The Pharmacological, Biological, and Chemical Consequences of Molecular Asymmetry; 1993; pages 154-158; Volume 5, Number 3	
	13	Scilimati, et al.; Biocatalytic Resolution of (+)-Hydroxyalkanoic Esters. A Strategy for Enhancing the Enantiomeric Specificity of Lipase-Catalyzed Ester Hydrolysis; Tetrahedron Letters The International Journal for the Rapid Publication of Preliminary Communication in Organic Chemistry; 1988; pages 4927-2930; Volume 29 No. 39	
	14	Wu, et al.; Enhancing the Enantioselectivity of Candida Lipase Catalyzed Ester Hydrolysis via Noncovalent Enzyme Modification; Journal of American Chemical Society; 1990; pages 1990-1995; Volume 112 No. 5	
	15	Hult; A Kinetic Interpretation of Acids and Alcohols Influence on the Enantioselectivity in Enzyme Catalysed Resolutions; Microbial Reagents in Organic Synthesis; March 23-27, 1992; pages 289-298	
	16	Rakels, et al.; Improvement of Enantioselective Enzymatic Ester Hydrolysis in Organic Solvents; Tetrahedron: Asymmetry The International Journal for Rapid Publication on all Aspects of Asymmetry in Organic, Inorganic, Organometallic, Physical and Bio-organic Chemistry; January 1994; pages 93-100; Volume 5 No. 1	

Examiner Signature		Date Considered	9/22/08
--------------------	--	-----------------	---------


*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/795,790	
			Filing Date	March 8, 2004	
			Confirmation Number	7703	
			First Named Inventor	Arindam Roy, et al.	
			Group Art Unit	1625	
			Examiner Name	To Be Assigned	
Sheet	3	of	3	Attorney Docket No.	NVI 5268.2

8	17	Sih, et al.; Differences in Reactivity and Enantioselectivity in Lipase Reactions with Carboxylic Esters and Alcohols Bearing the Same Steriogenic Center; Tetrahedron: Asymmetry The International Journal for Rapid Publication on all Aspects of Asymmetry in Organic, Inorganic, Organometallic, Physical and Bio-organic Chemistry; February 1995; pages 357-360; Volume 6 No. 2	
8	18	Ahmed, et al.; Enantioselectivity of Candida Rugosa Lipase Toward Carboxylic Acids: A Predictive Rule From Substrate Mapping and X-Ray Crystallography; Biocatalysis; 1994; pages 209-225; Volume 9	
	19	Book of Abstracts 211th American Chemical Society National Meeting; New Orleans March 24-28, 1996	
		<i>IN COMPLETE CITATION</i>	
8	20	Zuegg, et al.; Selectivity of Lipases: Conformational Analysis of Suggested Intermediates in Ester Hydrolysis of Chiral Primary and Secondary Alcohols; Journal of Molecular Catalysis B: Enzymatic; June 10, 1997; pages 83-98	
8	21	Löwendahl, et al.; Steric Requirements for the Active Site of a Lipase from Candida Rugosa Studied by the Use of a Sulfinyl Group as a Chiral Probe; Biocatalysis and Biotransformation; Vol. 16; 1998; pages 163-180	
8	22	Bellezza, et al.; The Importance of Ester and Alkoxy Type Functionalities for the Chemo- and Enantio-Recognition of Substrates by Hydrolysis with Candida Rugosa Lipase; Perkin Acta Chemica Scandinavica; The Royal Society of Chemistry; 2000; pages 4439-4444	

Examiner Signature		Date Considered	9/22/06
--------------------	---	-----------------	---------


*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/795,790
		Filing Date	March 8, 2004
		Confirmation Number	7703
		First Named Inventor	Arindam Roy, et al.
		Group Art Unit	1625
		Examiner Name	To Be Assigned
Sheet 1 of 1 TRADEMARK OFFICE		Attorney Docket No.	NVI 5268.2

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number	Kind Code ² (if known)				
§	23	4,572,897		Amotz, et al.	02/25/1986		
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office	Number ⁴	Kind Code ² (if known)			
§	24	PCT	WO 02/40438	A1	Ohrlein, et al.	05/23/2002	
OTHER ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T ⁶
§	25	Urban, et al., Synthesis of Optically Active 3(R)-[Alkylsulfonyl]oxythiolanes from 2(R)-Hydroxy-4-(methylthio)butanoic Acid or D-Methionine, J. Org. Chem. 1990, Vol. 55, pgs. 3670-3672					
§	26	Elcin, Encapsulation of Urease Enzyme in Xanthan-Alginate Spheres, Biomaterials 1995, Vol. 16, No. 15, pgs. 1157-1161					
§	27	Balcao, et al., Bioreactors with Immobilized Lipases: State of the Art, Enzyme and Microbial Technology, 1996, Vol. 18, pgs. 392-416					
§	28	Fadnavis, et al., Gelatin Blends with Alginate: Gels for Lipase Immobilization and Purification, Biotechnol. Prog. 2003, Vol. 19, pgs. 557-564					

Examiner Signature		Date Considered	9/22/04
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.